MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

M. A. R. 57 (Rule 116)

Measurement Book

No. B

83271

Pre mat of DR 524/30.8.14

...ical No. .....

...me of work Annual Maintainance of UGD in Venkatesh Reddy badavane & Chowdaiah badavane & Sonnapa badavane at Abbigere in ward no-12 From ..... To .....

...me of Contractor of nature of Agency M/s. Mahendra Eng. Work in Shettyhalli Sub-Division.

...e of commencement of work No. EE/DD/WO/193/13-14 Di-4/1/2014 JC-012-14-000001

...ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
I-1	Earth work excavation for foundation of building						
	Sonappa badavane	1	50.0	0.90	1.80	= 81.0 cum	
	Abbigere	1	50.0	0.90	1.80	= 81.0 cum	
		1	50.0	0.90	1.80	= 81.0 cum	
		1	50.0	0.90	1.80	= 81.0 cum	
		1	50.0	0.90	1.80	= 81.0 cum	
		1	50.0	0.90	1.80	= 81.0 cum	
		1	50.0	0.90	1.80	= 81.0 cum	
		1	32.0	0.90	1.80	= 51.84 cum	
		1	16.0	0.90	1.80	= 25.92 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	AGB Layout ~~near~~ 5th cross	1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
	Rail way line	1 × 13.50 × 0.90 × 1.80 = 21.87 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					

M. A. R. 57 (Rule 116)
Measurement Book

No. B 83272

...al No. .....

...e of work ..... From ..... To .....

...me of Contractor of nature of Agency.....

...e of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	From Abbigere Main Road from Storm water drain	1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		1 × 15.00 × 0.90 × 1.80 = 24.30 cum					
	Sonappa badiyane 6th cross	1 × 50.0 × 0.90 × 1.80 = 81.0 cum					
		~~1 × 50.0 × 0.90 × 1.80 = 81.0 cum~~ Ra					
		~~1 × 50.0 × 0.90 × 1.80 = 81.0 cum~~ Ra					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Ref. to Meas.
	Manholes	1 ×	22.0 ×	0.90 ×	1.80 =	35.64 cum	
		60 ×	3.142 × 1.2² / 4 ×		1.50 =	101.80 cum	
						1982.35 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83273

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
× providing and laying in position required level						
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	50.0			= 50.0 m	
	1 ×	32.0			= 32.0 m	
	1 ×	16.0			= 16.0 m	

EE(D)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	13.50			= 13.50 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	

EE(D)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83274

Work No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	50.0			= 50.0 m	
		1	15.0			= 15.0 m	
		1	50.0			= 50.0 m	
		1	22.0			= 22.0 m	
						1393.0 m	

EE(D)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿಬ್ಬಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
I-4	providing & constructing burnt brick masonry.					
	Chikkasandra. ~~Abb~~ A4B layout 4th cross	4	× 1.50	× 0.35	× 0.95	= 1.99 cum
	Mallasandra Main road	6	× 1.50	× 0.35	× 0.95	= 2.99 cum
		2	× 1.50	× 0.35	× 0.95	= 0.99 cum
	Vigneshwara layout	10	× 1.50	× 0.35	× 0.95	= 4.99 cum
	Vinayak layout 1st Main & 2nd cross	4	× 1.50	× 0.35	× 0.95	= 1.99 cum
	Venkateshwara layout 6th cross 2nd cross	8	× 1.50	× 0.35	× 0.95	= 3.99 cum
	Dhanpal layout	4	× 1.50	× 0.35	× 0.95	= 1.99 cum
	R.R. layout near masid	6	× 1.50	× 0.35	× 0.95	= 2.99 cum
	Near Lakshmi temple	3	× 1.50	× 0.35	× 0.95	= 1.49 cum
		47 Nos				23.44 cum
						23.41

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ ... ಹಳ್ಳಿ ವಲಯ

EE(D)

M. A. R. 57 (Rule 116)

Measurement Book

No. B

83275

BR 524/30.8.2014

No. 1st & Final.

Name of work Annual Maintainance of VGD in venkatesh Reddy badavane & Chowdaiah badavane & Somappa badavane at Abbigere in ward no-12 in Shettyhalli Sub-Division.

Name of Contractor of nature of Agency M/s Mahendra Engineering Works (Prop. H. Venkatesh)

Date of commencement of work No EE/DD/No/193/13-14 Dt-4/1/14 Sc:- 012-14-000001 Est cost:- 25.0 lakhs

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
Earth work excavation for foundation of buildings, water supply, Sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications.						
Vide pg no	83272/2	of this M.B.			982.40 cum	1982.35
					@ 220=00 Rs	- 436117=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
J-2	providing and laying in position to required level or slope 300 mm internal diameter salt glazed stone ware pipe grade A and jointing with stiff mixture of cement mortar in propotion 1:1 testing of pipes and joints including cost of materials, labour charges complete as per specifications.						
	Qty vide pg no.	83274/1 of this M.B.				1393.00 m @ 626=00 Rs/-	872018
J-3.	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom 0.91 m deep and 0.56 m dia at top with taple moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4 inside						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83276

No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Cement plastered 12 mm thick with cement mortar M10 using 40 mm down size SFRC cover & frame heavy duty HD-20 grade designation) 560 mm internal diameter conforming IS: 12592 total weight cover & frame to be not less than 182 kg fixed in cement concrete 1:2:4 20 mm & down size broken granite metal providing and removing centering shuttering including cost of materials labour charges, Hire of machinery complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		60 Nos				60.0 Nos	
						@ 12002=00	
						Rs/- 720120=00	
I-4	Providing and constructing burnt brick masonry with quality of non-modular bricks of standard size class designation 50 (table moulded) with cement mortar 1:6 for basement and super structure including cost of materials labour charges scaffolding curing complete as per specifications.						
	By vide pg no 83274/2 of this M.B.					23.41	
						~~23.44~~ cum	134.17
						@ 5730=00	
						Rs/- 1343	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83277

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
I-5	Providing 20mm thick cement plaster in single coat with cement mortar 1:4 to stone masonry including rounding off corners wherever required smooth rendering providing & removing scaffolding including cost of materials, labour, curing complete as per specifications.						
	Internal & external plastering	47.0 × 2.40				= 112.80 s	
		~~47.0 ×~~					
		47.0 × 1.50				= 70.50 s	
						183.30 s	
						@ 201=00 Rs/-	36843=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
I-6.	providing & fixing SFRC cover with frame 560 ID Heavy duty material code NO - 0331 complete as per specification						
	Bty vide pg no 83278/2 of M.B.	47 Nos				= 47.0 Nos	
	ALB Layout	13 Nos				= 13.0 Nos	
	Venkateshwara layout	7 Nos				= 7.0 Nos	
	Vinayaka layout	3 Nos				= 3.0 Nos	
	Mallasandra Main Road	4 Nos				= 4.0 Nos	
	Babaima layout	6 Nos				= 6.0 Nos	
						80.0 Nos	

25/8/14

EE(D)

@ 970.00 Rs. 776

M. A. R. 57 (Rule 116)
Measurement Book

No. B

83278

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Refilling available earth around pipelines Cables in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upto 5cm and left complete as per specification.						
	1	× 50.0	× 0.90	× 1.30	= 58.50 cum	
	1	× 50.0	× 0.90	× 1.30	= 58.50 cum	
	1	× 50.0	× 0.90	× 1.30	= 58.50 cum	
	1	× 50.0	× 0.90	× 1.30	= 58.50 cum	
	1	× 50.0	× 0.90	× 1.30	= 58.50 cum	

MEASUREMENT BOO

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	...nts 7	Reference to last Measurement 8
		1	15.0	0.90	1.30	= 17.55 cum	
		1	50.0	0.90	1.30	= 58.50 cum	
		1	22.0	0.90	1.30	= 25.74 cum	
						1267.63 cum	
						@ 60=00	
						Rs.- 76057	
I-8	Disposal of debris to the final place of disposal with all lead & lift and direction by the engineer incharge of the work.						
	Qty vide item no 1	1982.40 − 1267.60 cum				= 714.72 cum	
						@ 70=00	
						Rs 50030	
	Total Amount: − 2403096=00						

2402923=00

Rani.N.K. 25/8/14

25/8/14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116) **No. B**

Measurement Book

83280

...ted and admitted for Rs. 2402923=00

...ed by Cheque for Rs. 2136199=-

No. .....

...of work 266724=00 From ..... To .....

...of Contractor of nature of Agency.....

...of commencement of work..... 28/5/15

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Certificate:- 1) Certified that contractor has done the work satisfactory.						
2) Certified that contractor has removed all debris from work spot.						
3) Certified that there is no due work from contractor side.						

Accounts Supervisor (Admn) Executive Engineer E.B.M.P. Anggangahalli Division

Rani.N.K. 25/8/14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	5th cross Alleyarahalay a.				Main Road.	
	Railway Parallel Road					
	Rail. N.K.					